

Red Lion SLX-8MS-1

Red Lion SLX-8MS-1 Sixnet LX8 p MNG Switch User Manual

Model: SLX-8MS-1

1. INTRODUCTION

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of the Red Lion SLX-8MS-1 Sixnet LX8 p MNG Switch. Please read this manual thoroughly before attempting to install or operate the device.

The Red Lion SLX-8MS-1 is an industrial-grade managed Ethernet switch designed for reliable network connectivity in demanding environments. It features an 8-way circuit type and supports rack mounting.

2. SAFETY INFORMATION

- **Electrical Safety:** Ensure all power connections are made by qualified personnel. Disconnect power before servicing.
- **Environmental Conditions:** Operate the switch within its specified temperature and humidity ranges. The device has an International Protection Rating of IP54.
- **Mounting:** Securely mount the device according to the instructions to prevent accidental falls.
- **Maintenance:** Refer to the maintenance section for cleaning and care instructions.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Red Lion SLX-8MS-1 Sixnet LX8 p MNG Switch (1 unit)
- Mounting hardware (screws, brackets for rack mounting)
- Quick Start Guide
- Power supply unit (if applicable)

4. PHYSICAL DESCRIPTION

The Red Lion SLX-8MS-1 is a compact industrial switch, typically red in color. It features multiple ports for network connectivity and indicators for status monitoring.



Figure 1: Front view of the Red Lion SLX-8MS-1 Switch. This image displays the compact design and typical port layout of the industrial switch.

4.1. Front Panel

The front panel typically includes:

- Ethernet ports (8-way circuit type)
- Status LED indicators (Power, Link/Activity)
- Management port (if applicable)

4.2. Rear Panel

The rear panel typically includes:

- Power input terminal (Screw Terminal connector type)
- Grounding screw

5. SETUP

5.1. Mounting the Switch

The SLX-8MS-1 is designed for rack mounting. Follow these steps:

1. Attach the provided mounting brackets to the sides of the switch using the included screws.
2. Align the switch with an available rack unit in your equipment rack.
3. Secure the switch to the rack using appropriate rack screws (not always included).

5.2. Connecting Power

Connect the power supply to the screw terminal power input on the rear panel. Ensure correct polarity. The switch operates in an automatic operation mode once powered.

5.3. Connecting Network Cables

Connect standard Ethernet cables (Cat5e or higher) from your network devices to the Ethernet ports on the front panel of the switch.

5.4. Initial Configuration

The switch supports a touch control method for initial setup or basic configuration. Refer to the detailed software manual for advanced configuration options, including IP address assignment, VLAN setup, and other managed switch features. The connectivity protocol is X-10, which may refer to specific industrial communication or management features.

6. OPERATING

Once powered and connected, the SLX-8MS-1 switch will begin operating automatically. The LED indicators on the front panel provide visual feedback on the status of the switch and its network connections.

- **Power LED:** Indicates the power status of the device.
- **Link/Activity LEDs:** Indicate network link status and data activity for each port.

For advanced monitoring and management, access the switch's web interface or command-line interface (CLI) using the configured IP address. Consult the software manual for detailed instructions on using these interfaces.

7. MAINTENANCE

7.1. Cleaning

Periodically clean the exterior of the switch with a soft, dry cloth. Do not use liquid or aerosol cleaners directly on the device. Ensure the device is powered off before cleaning.

7.2. Firmware Updates

Check the Red Lion Controls website for the latest firmware updates for your SLX-8MS-1 switch. Regularly updating the firmware ensures optimal performance, security, and access to new features. Follow the instructions provided with the firmware update package carefully.

8. TROUBLESHOOTING

If you encounter issues with your SLX-8MS-1 switch, refer to the following common troubleshooting steps:

- **No Power:**
 - Verify the power cable is securely connected to both the switch and the power source.
 - Check the power source for functionality.
 - Ensure the power supply unit is working correctly.
- **No Network Connectivity:**
 - Check the Link/Activity LEDs on the switch ports and connected devices.
 - Ensure Ethernet cables are properly connected and not damaged.
 - Verify network settings on connected devices.
 - Restart the switch and connected devices.
- **Management Access Issues:**
 - Confirm the switch's IP address and your computer's network settings.
 - Ensure there are no firewall restrictions blocking access.
 - Try accessing the management interface from a different device.

For persistent issues, consult the detailed troubleshooting guide available on the Red Lion Controls support website or contact technical support.

9. SPECIFICATIONS

Feature	Specification
Brand	Red Lion
Model	SLX-8MS-1
Switch Type	Solid State Relay
Circuit Type	8-way
Operation Mode	Automatic
Mounting Type	Rack Mount
International Protection Rating	IP54
Control Method	Touch
Connectivity Protocol	X-10
Connector Type	Screw Terminal
Terminal	Screw
Contact Type	Normally Open
Color	Red
Unit Count	1 Count
Manufacturer	Red Lion Controls
UPC	747356317450
ASIN	B07CYZKG3Q

10. WARRANTY INFORMATION

Red Lion Controls products are backed by a manufacturer's warranty. For specific warranty terms and conditions applicable to your SLX-8MS-1 switch, please refer to the warranty statement included with your product or visit the official Red Lion Controls website. Keep your proof of purchase for warranty claims.

11. TECHNICAL SUPPORT

For technical assistance, product inquiries, or to report issues, please contact Red Lion Controls technical support:

- **Website:** Visit the official [Red Lion Controls Support Page](#) for FAQs, documentation, and contact information.
- **Phone:** Refer to the Red Lion Controls website for regional support phone numbers.
- **Email:** Use the contact forms or email addresses provided on the support page.

When contacting support, please have your product model (SLX-8MS-1) and serial number ready.

